

UNIVERZITA KARLOVA V PRAZE

Fakulta tělesné výchovy a sportu

**Comparison of active and passive patient orthoses  
with CP**

Bakalářská práce

Vedoucí bakalářské práce:

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## **Abstract**

**Title:** Comparison of active and passive patient orthoses with CP

**Objectives:** The aim of this bachelor thesis is to provide a comprehensive form of basic information on the issue CP, formation, complications, methods and treatment options and disease to capture benefits, uses and types of medical devices.

**Method:** When drawing up this work the method of qualitative data collection of research articles, literature and oral information obtained from experts, who are dedicated to this issue, was used.

**Result:** The effect of dynamic orthoses for patients with cerebral palsy is more efficient than the effect of static braces.

**Keywords:** cerebral palsy, orthotics, dynamic brace, Nancy Hilton, spasticity, compensation.